



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/710,927	08/13/2004	Tsu-Ti Huang	WISP0027USA	4926
27765 7590 07/12/2007 NORTH AMERICA INTELLECTUAL PROPERTY CORPORATION P.O. BOX 506 MERRIFIELD, VA 22116			EXAMINER AVERY, JEREMIAH L	
			ART UNIT 2131	PAPER NUMBER
			NOTIFICATION DATE 07/12/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

winstonhsu.uspto@gmail.com
Patent.admin.uspto.Rcv@naipo.com
mis.ap.uspto@naipo.com.tw

Office Action Summary

Application No.

10/710,927

Applicant(s)

HUANG ET AL.

Examiner

Jeremiah Avery

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 8/13/04 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-23 have been examined.

Drawings

1. Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities: usage of legal phraseology within the abstract. Appropriate correction is required.
3. Applicant is reminded of the proper language and format for an abstract of the disclosure.
4. The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The

Art Unit: 2131

abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

5. The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Claim Objections

6. Claim 1 is objected to because of the following informalities: grammatical error. The claim states "a computing device with *an* security device"; however, it would be more appropriate to have the claim read as "a computing device with *a* security device". Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-23 are rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 5,610,981 to Mooney et al., hereinafter Mooney.

Art Unit: 2131

7. Regarding claim 1, Mooney teaches a method for controlling a computing device with an security device wherein a first identification information is stored in said computing device and a second identification information is stored in said security device, said computing device further comprising a BIOS program and an operation system program, said method comprising the steps of:

executing said BIOS program of said computer system (column 4, lines 46-62, "system boot ROM 126 logically connected to the CPU 123 to start executing a non-volatile program contained in PLD 129 upon initialization of the computer during power-up, clear or warm-boot reset", column 8, lines 11-19, column 10, lines 52-58, column 12, lines 44-64, column 14, lines 54-67, "the CPU 290 will then boot from hard drive 113 in order to execute the disk operating system for secure computer 100" and column 15, lines 1-15, "to ensure that the native system BIOS is properly rebooting the computer from hard drive 113");

fetching said first identification information and said second identification information (column 2, lines 53-63, column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20);

comparing said first identification information with said second identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49,

Art Unit: 2131

"present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

executing said operation system program if said second identification information matches said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

8. Regarding claim 2, Mooney teaches in which said second identification information does not match said first identification information, further comprising the step of turning off said computing device (column 4, lines 46-62 and column 9, lines 18-32, "freeze the computer system bus, requiring a 'cold boot', (power off and then on or 'reset'))).

9. Regarding claim 3, Mooney teaches in which said second identification information does not match said first identification information, further comprising the steps of:
querying whether to turn off said computing device or to fetch said second identification information again (column 4, lines 46-62 and column 9, lines 18-32, "freeze the computer system bus, requiring a 'cold boot', (power off and then on or 'reset') and lines 58-67);

Art Unit: 2131

fetching said second identification information from said security device (column 2, lines 53-63, column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20);

comparing said second identification information with said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

10. Regarding claim 4, Mooney teaches in which said second identification information matches said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),

further comprising the steps of:

querying whether to update said first identification information (column 9, lines 19-25, "the card must be updated to be authorized for another session");

updating said first identification information (column 9, lines 19-25, "the card must be updated to be authorized for another session").

11. Regarding claim 5, Mooney teaches in which said querying whether to update said first identification information step is performed before executing said operation system program (column 6, lines 30-49, "Integrated circuit card 115 is preprogrammed with information used to verify that the user is authorized to access the sensitive data stored on hard drive 113", column 15, lines 51-64 and column 17, lines 19-21).

12. Regarding claim 6, Mooney teaches in which said first identification information comprises primary first identification information and secondary first identification information, further comprising the steps of:
determining whether said second identification information matches said primary first identification information before querying whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),
wherein said computing device queries whether to update said first identification information when said second identification information matches said primary first identification information (column 9, lines 19-25, "the card must be updated to be authorized for another session"),
said computing device executes said operation system program directly when said second identification information matches said secondary first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored

on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

13. Regarding claim 7, Mooney teaches in which said querying whether to update said first identification information step is performed after executing said operation system program (column 9, lines 19-25, "the card must be updated to be authorized for another session").

14. Regarding claim 8, Mooney teaches in which said first identification information comprises primary first identification information and secondary first identification information, further comprising the step of:
determining whether said second identification information matches said primary first identification information before querying whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),
wherein said computing device queries whether to update said first identification information when said second identification information matches said primary first identification information (column 9, lines 19-25, "the card must be updated to be authorized for another session"),

said computing device skips said querying whether to update said first identification information step when said second identification information matches said secondary first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

15. Regarding claim 9, Mooney teaches in which said first identification information comprises primary first identification information and secondary first identification information, further comprising the steps of:

determining whether said second identification information matches said primary first identification information after querying whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),

wherein said computing device updates said first identification information when said second identification information matches said primary first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to

Art Unit: 2131

access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),

said computing forbids updating said first identification information when said second identification information matches said secondary first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39, "user should respond with a text string entry which matches the prerecorded answer" and lines 44-64 and column 15, lines 51-64).

16. Regarding claim 10, Mooney discloses a computing system comprising: a security device having a second identification information stored therein (column 2, lines 40-67, "a valid security administrator card", column 3, lines 1-6, column 6, lines 30-49, column 8, lines 38-67, "protected storage devices" and "Card reader interface board 109 also contains an extra defense against physical tampering" and column 11, lines 48-57);

a computing device having a first identification information, a BIOS program and an operation system program stored therein (column 4, lines 46-62, "system boot ROM 126 logically connected to the CPU 123 to start executing a non-volatile program contained

Art Unit: 2131

in PLD 129 upon initialization of the computer during power-up, clear or warm-boot reset”, column 8, lines 11-19, column 10, lines 52-58, column 12, lines 44-64, column 14, lines 54-67, “the CPU 290 will then boot from hard drive 113 in order to execute the disk operating system for secure computer 100” and column 15, lines 1-15, “to ensure that the native system BIOS is properly rebooting the computer from hard drive 113”), said computing device executing said BIOS program, fetching said second identification information from said security device, and comparing said first identification information with said second identification information (column 2, lines 53-63, “user’s responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use”, column 6, lines 30-49, “present proper identification information”, column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20); said computing device further executing said operation system program if said second identification information matches said first identification information (column 2, lines 53-63, “user’s responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use”, column 6, lines 30-49, “present proper identification information”, column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

17. Regarding claim 11, Mooney discloses wherein if said second identification information does not match said first identification information, said BIOS program

controls said computing device to turn off (column 4, lines 46-62 and column 9, lines 18-32, "freeze the computer system bus, requiring a 'cold boot', (power off and then on or 'reset'))).

18. Regarding claim 12, Mooney discloses wherein if said second identification information does not match said first identification information, said BIOS program further controls said computing device to query whether to turn off said computing device or to fetch said second identification information again (column 2, lines 53-63, column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20);

wherein if said BIOS program is instructed to fetch said second identification information again, said computing device further fetches said second identification information from said security device and compares said second identification information with said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

19. Regarding claim 13, Mooney discloses wherein if said second identification information matches said first identification information, said computing device queries whether to update said first identification information or not, and said computing device updates said first identification information if said computing device is instructed to

update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

20. Regarding claim 14, Mooney discloses wherein said computing device queries whether to update said first identification information before executing said operation system program (column 6, lines 30-49, "Integrated circuit card 115 is preprogrammed with information used to verify that the user is authorized to access the sensitive data stored on hard drive 113", column 15, lines 51-64 and column 17, lines 19-21).

21. Regarding claim 15, Mooney discloses in which said first identification information comprises primary first identification information and secondary first identification information, wherein said computing device further determines whether said second identification information matches said primary first identification information before querying whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

wherein if said second identification information matches said primary first identification information, said computing device queries whether to update said first identification (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

22. Regarding claim 16, Mooney discloses wherein said computing device queries whether to update said first identification information after executing said operation system program (column 9, lines 19-25, "the card must be updated to be authorized for another session").

23. Regarding claim 17, Mooney discloses in which said first identification information comprises primary first identification information and secondary first identification information, wherein said computing device further determines whether said second identification information matches said primary first identification information before querying whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

wherein if said second identification information matches said primary first identification information, said computing device queries whether to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

wherein if said second identification information matches said secondary first identification information, said computing device skips said querying whether to update said first identification information step (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

24. Regarding claim 18, Mooney discloses in which said first identification information comprises primary first identification information and secondary first identification information, wherein said computing device further determines whether said second identification information matches said primary first identification information after being instructed to update said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the

Art Unit: 2131

card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

wherein if said second identification information matches said primary first identification information, said computing device updates said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64);

wherein if said second identification information matches said secondary first identification information, said computing device forbids updating said first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39, "user should respond with a text string entry which matches the prerecorded answer" and lines 44-64 and column 15, lines 51-64).

25. Regarding claim 19, Mooney discloses a computing system comprising:
an administrator security device having a primary second identification information stored therein (column 2, lines 64-67, "security administrator card", column 10, lines 29-51, column 11, lines 39-67, "security administrator" and column 16, lines 5-20);
a computing device having a plurality of first identification information, a BIOS program and an operation system program stored therein, wherein said plurality of first identification information comprises a primary first identification information and a secondary first identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64),
said computing device executing said BIOS program, fetching said primary second identification information from said administrator security device, comparing said primary second identification information with said plurality of first identification information, and determining that said primary second identification information matches said primary first identification information, and querying whether to update said first identification information or not (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to

Art Unit: 2131

use", column 4, lines 46-62, "system boot ROM 126 logically connected to the CPU 123 to start executing a non-volatile program contained in PLD 129 upon initialization of the computer during power-up, clear or warm-boot reset", column 6, lines 30-49, "present proper identification information", column 8, lines 11-19, column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38 and 52-58, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32 and 54-67, "the CPU 290 will then boot from hard drive 113 in order to execute the disk operating system for secure computer 100", column 15, lines 1-15, "to ensure that the native system BIOS is properly rebooting the computer from hard drive 113" and lines 51-67 and column 16, lines 1-20);

a user security device having a secondary second identification information stored therein, wherein if said computing device is instructed to update said first identification information, said computing device fetches said secondary second identification information from said user security device and updates said first identification information to match said secondary second identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20).

26. Regarding claim 20, Mooney discloses wherein said computing device updates said primary first identification information to match said secondary second identification information (column 9, lines 19-25, "the card must be updated to be authorized for another session").

27. Regarding claim 21, Mooney discloses wherein said computing device updates said secondary first identification information to match said secondary second identification information (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 9, lines 19-25, "the card must be updated to be authorized for another session", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64, column 14, lines 17-32, column 15, lines 51-67 and column 16, lines 1-20).

28. Regarding claim 22, Mooney discloses wherein updating said first identification information is executed by said BIOS program (column 4, lines 46-62, "system boot ROM 126 logically connected to the CPU 123 to start executing a non-volatile program contained in PLD 129 upon initialization of the computer during power-up, clear or warm-boot reset", column 8, lines 11-19, column 10, lines 52-58, column 12, lines 44-64, column 14, lines 54-67, "the CPU 290 will then boot from hard drive 113 in order to execute the disk operating system for secure computer 100" and column 15, lines 1-15, "to ensure that the native system BIOS is properly rebooting the computer from hard drive 113").

29. Regarding claim 23, Mooney discloses wherein updating said first identification information is executed by said operation system program (column 2, lines 53-63, "user's responses are compared to the correct answers stored on the card and, if the responses match the correct answers, the CPU is allowed to access all peripherals the user has been authorized to use", column 6, lines 30-49, "present proper identification information", column 10, lines 29-38, column 11, lines 48-57, column 12, lines 1-14, 19-39 and 44-64).

Conclusion

30. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

31. The following United States Patents are cited to further show the state of the art with respect to the security and control of devices, such as:

United States Patent No. 5,892,900 to Ginter et al., which is cited to show systems and methods for secure transaction management and electronic rights protection.

United States Patent No. 6,314,525 to Mahalingham et al., which is cited to show means for allowing two or more network interface controller cards to appear as one card to an operating system.

United States Patent No. 6,463,537 to Tello, which is cited to show a modified computer motherboard and security identification system.

United States Patent No. 6,609,199 to DeTreville, which is cited to show a method and apparatus for authenticating an open system application to a portable IC device.

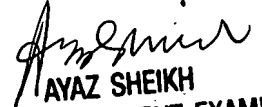
United States Patent No. 5,448,045 to Clark, which is cited to show a system for protecting computers via intelligent tokens or smart cards.

32. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeremiah Avery whose telephone number is (571) 272-8627. The examiner can normally be reached on Monday thru Friday 8:30am-5pm.

33. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

34. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JLA


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100